Wednesday, 3/12/2008 1:41:59 PM Date User : CU-DAR001 Dart Helicopters Services Customer Job Number : 37857 : 10008 Estimate Number P.O. Number : 3/12/2008 This Issue : NC Prsht Rev. : // First Issue : 35659 Previous Run Written By Checked & Approved By Comment : Est Rev:I **Additional Product** Job Number: Seq. #:

Process Sheet

Drawing Name : LUG

Part Number Drawing Number

: D2591 : D2591 REV D

Project Number

: N/A

Drawing Revision

: D

Material

: 3/24/2008 **Due Date**

Each

S.O. No. :

Type

Machine Or Operation:

Description:

ASTM A21 Steel .75"x2.5"

05-10-25 JLM

Comment: Qty.:

0.2340 f(s)/Unit Total: 7.0200 f(s)

ASTM A36 Steel bar 2.50" x 0.75" thick(M1010-B0.750X02.500)

: MACHINED PARTS

Removed from 9 Digit

Batch: 107513

2.0 BAND SAW

BAND SAW

Comment: BAND SAW

Cut blanks: 2.700" long

3.0 HAAS1 HAAS CNC VERTICAL MACHINING #1

Comment: HAAS CNC VERTICAL MACHINING #1

1- Machine as per Folio FA 039 and Dwg Q2591

2-Deburr if required

4.0

Comment: INSPECT PARTS AS THEY COME OF

F MACHINE QC8

5.0



Comment: SECOND CHECK

6.0 PACKAGING ¹ PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock Location: u/H



0

Dart Ae	rospace	Ltd *							
W/O:			W	ORK ORDER CHANGES				 	
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	egory: N	CR: Yes	No DQA	:	_ Date: _	
					QA: N	/C Closed:	:	_ Date: _	
NCR:		V	VORK ORD	ER NON-CONFORMANO	CE (NCR	2)			
	0750	Description of NC	Description of NC Corrective Action			Verifica	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section		Chief Eng	QC Inspector

NOTE: Date & initial all entries

Date:

Wednesday, 3/12/2008 1:41:59 PM

User:

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LUG

Job Number: 37857

Part Number: D2591

Job Number:



Seq. #:

Machine Or Operation:

Description:

7.0

QC21

FINAL INSPECTION/W/O RELEASE



mF 08-04-16

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Dart Aerospace Ltd

W/O:			WC	RK ORDER CHANGE	S				
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									E
Part No	:	PAR #:	Fault Cate	Jory:	NCR: Yes	No DQ	A :	_ Date: _	
					QA: N	C Closed	d:	_ Date: _	
NCR:			WORK ORD	ER NON-CONFORMAN	ICE (NCR)			
DATE	OTED	STEP Description of NC Section A		В	Verification		Approval	Approval	
DATE	SIEP		Initial Chief Eng	Action Description Chief Eng	Sign & Date		Section C Chief Eng	QC Inspector	
	1		1			1		1	

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	37857
Description: GHW Lug	Part Number:	D2591
Inspection Dwg: D2591 Rev: D		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

				,		
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.20	+/-0.030			/		
Ø0.510	+/-0.010					
0.125	+/-0.010					
2.44	+/-0.030		/			
0.65	+/-0.030					
0.50	+/-0.030					
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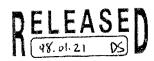
Measured by:	Audited by:	Prototype Approval:	N/A
Date:	Date:	Date:	N/A

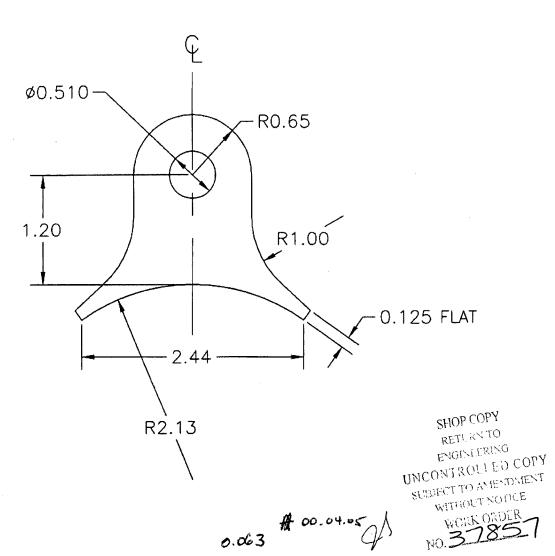
Rev	Date	Change		Revised by	Approx/ed
Α	04.08.12	New Issue	P/O D205-641-011 & DSI 9161-011	KJ/JLM	
					7-7





DESIG	nox	DRAWN BY	DART AEROSPACE LTD VICTORIA INTERNATIONAL AIRPORT, CANADA	
CHEC	(ED	APPROVED	DRAWING NO.	REV. D
4	LE	8W	D2591 SHEET	1 OF 1
DATE	<u> </u>		TITLE	SCALE
98.0	1.21		GHW LUG	1:1
Α		96:09:16	NEW ISSUE	
В		97:06:17	RE-DESIGN TO FLAT BOTTOM	
С		97.12.12	RE-DESIGN TO RADIUS BOTTOM	
D		98.01.21	0.125 FLAT WAS 0.067 FLAT	





BREAK ALL SHARP CORNERS 0.010 TO 0.020
MATERIAL: ASTM A36 STEEL 0.50 THICK
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
PART IS SYMMETRIC ABOUT CENTER-LINE
ALL DIMENSIONS ARE IN INCHES



CERTIFICATE OF CONFORMITY

SOLD TO:

SHIPPED TO:

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, Ont.

same

K6A 1K7

QUANTITY

PART NUMBER

PART NAME

P.O. NUMBER

97

D2591

Lugs

5998

MATERIAL: supplied by DART M1010B0750X02500 M107513 B37857

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

Denise Robinson

Vankleek Hill, April 14, 2008